



## MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Kamothe, Navi Mumbai – 410 209.

$y_1$  = Pass percentage of year 2014-15 = 91.5%

$y_2$  = Pass percentage of year 2015-16 = 88.5%

$y_3$  = Pass percentage of year 2016-17 = 91.5%

$y_4$  = Pass percentage of year 2017-18 = 92.5%

$y_5$  = Pass percentage of year 2018-19 = 90.5%

Average passing percentage:

$$\bar{y} = \frac{1}{5} [y_1 + y_2 + y_3 + y_4 + y_5] = 90.9\%$$

Correction component (positive or negative) to account for the trend in results:

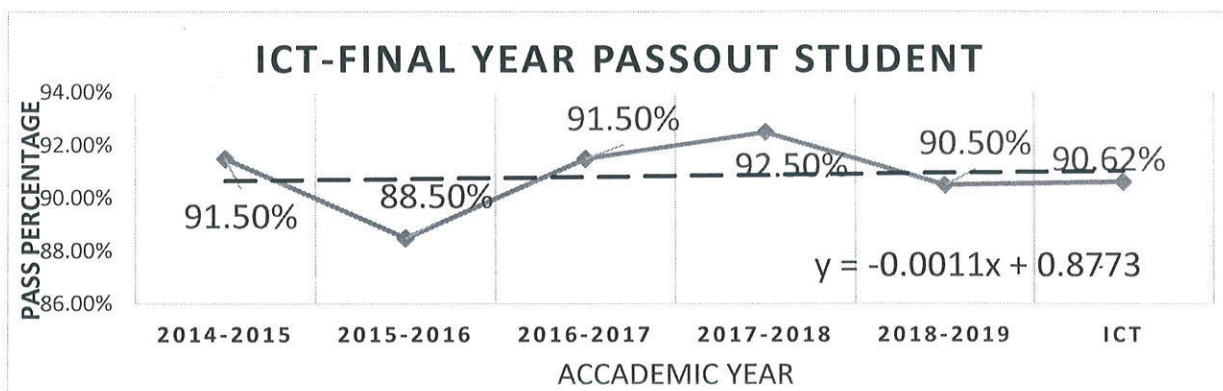
$$\bar{D} = \frac{1}{4} [(y_2 - y_1) + (y_3 - y_2) + (y_4 - y_3) + (y_5 - y_4)]$$

$$= [-3.0\% + 3.0\% + 1.0\% - 2.0\%] / 4$$

$$= -0.25\%$$

A measure of success cum progression at final examination over five years

$$\bar{y} + \frac{\bar{D}}{\bar{y}} 100 = 90.9\% - 0.275\% = 90.62\%$$



Dr. Rajesh Goel  
Registrar

MGMIHS, Navi Mumbai

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